

# IN THE FIELD

Spring 2007

THE FIELD MUSEUM'S MEMBER PUBLICATION



## New Permanent Exhibition The Ancient Americas

**DINOSAURS: ANCIENT FOSSILS, NEW DISCOVERIES**

**TREASURES OF THE TITANS**



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The Field Museum

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**COVER:** A ceramic mask from  
Teotihuacan, Mexico (large image).  
JOHN WEINSTEIN/A114447\_01D  
Counterclockwise, from top left  
(small images): The village of  
Betatakin, located in the Navajo  
National Monument in Arizona.  
© GEORGE H. H. HUEY/CORBIS.  
An Inca gold figurine, found  
near Cuzco, Peru.  
JOHN WEINSTEIN/A114463\_02D  
A Moche vessel depicting an  
owl-warrior.  
JOHN WEINSTEIN/A114445\_02D  
The Cahokia Mounds in  
Collinsville, IL.  
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The Field  
Museum

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www.fieldmuseum.org

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the people of Chicago for their  
long-standing, generous support  
of the Museum through the  
Chicago Park District.

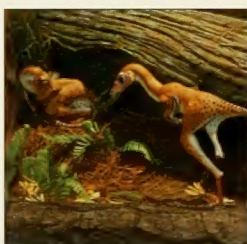
JOHN WEINSTEIN/A114462\_03D



DIANE ALEXANDER WHITE



CRAIG CHESEK



N. WELSH



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*The Ancient Americas*, opening March 9, is the Museum's newest permanent exhibition. With more than 2,200 artifacts, dramatic reconstructions, and dozens of videos and interactive displays, *The Ancient Americas* takes visitors on an epic journey. *Left: An Inca textile from Peru.*

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Field Museum anthropologists Gary Feinman, PhD, (*left*) and Jonathan Haas, PhD, (*right*) discuss the making of *The Ancient Americas*. They explain how the exhibition's organization and content show the diversity and ingenuity of the peoples who thrived in the Americas prior to the arrival of Europeans.

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*Dinosaurs: Ancient Fossils, New Discoveries* (March 30–Sept. 3) is a fascinating look at newly discovered fossils and the groundbreaking research that sheds light on how dinosaurs looked, behaved, and how they might have become extinct. *Left: Mei long, a birdlike dinosaur.* © AMERICAN MUSEUM OF NATURAL HISTORY

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*Treasures of the Titans* is a new temporary exhibition that showcases the exquisite jewelry and accessories of 20th century celebrities such as Elvis Presley and Sophia Loren. The dazzling exhibition, which runs through June 3, is presented in the Museum's Grainger Hall of Gems. *Left: Actress Vivien Leigh's powder case made of gold and rubies. Cartier New York, 1946.* THE CARTIER COLLECTION



## Museum Campus Neighbors

**Adler Planetarium** Don't fight it! Feel the irresistible pull of *Black Holes: The Other Side of Infinity* now playing at the Adler Planetarium. Fly through wormholes, experience the creation of the Milky Way galaxy, and witness the death of a star in this visually stunning show that blends cutting-edge science and high-tech visualization. For show times and more information on Adler exhibitions, free family activities, and how to plan a visit, go to [www.adlerplanetarium.org](http://www.adlerplanetarium.org) or call 312.922.7827.

**Shedd Aquarium** What do you say to an eight-foot lizard that doesn't want to leave? Stay, of course! Shedd Aquarium's special exhibition, *Lizards and the Komodo King*, has been extended through the end of 2007. Whether it's your first visit or your fifth, you'll be amazed by Faust, a spectacular Komodo dragon, and more than 20 other lizards, from tiny geckos to a six-foot crocodile monitor. For more information, visit [www.sheddaquarium.org](http://www.sheddaquarium.org) or call 312.939.2438.



# Our Museum Enterprises

I realize you're not used to seeing my photo in the upper left corner of this page, so let me introduce myself. I joined The Field Museum in 1997 and currently head Museum Enterprises, which includes Exhibitions, Membership, Web Communications, Marketing, Public Relations, and revenue generating businesses such as Special Events and the Museum Stores.

## 2006

### A Good Year for Museum Enterprises

**28** = percentage of Museum's operating funds from Museum Stores, Special Events, Tourism/Group Sales, and Food Services revenues

**53,000** = number of households with Field Museum memberships

**almost 9,000,000** = visits to Museum's website

**926,000** = visitors who saw *Evolving Planet*

**over 1,000,000** = visitors who saw 10 temporary exhibitions, including King Tut

**2** = new countries on Sue traveling exhibition tour (Singapore and Taiwan)

**1,500** = King Tut stories in print and electronic media

This year already has been very busy for us. The Museum is opening two wonderful exhibitions: *The Ancient Americas*, opening March 9, is our new permanent exhibition (see page 4) and *Dinosaurs: Ancient Fossils, New Discoveries* opens March 30 and runs through Sept. 3 (see page 10). These exhibitions give us an opportunity to do what we do best—translate scientific research into a dynamic platform for engaging and enlightening the public.

Many of you became Field Museum members because of the quality of our exhibitions; the Membership Department works hard behind the scenes to assure that you are satisfied and to offer special programs such as our annual Members' Night (April 4 and 5 this year). Meanwhile, we work to drive attendance to the Museum through our Public Relations and

Marketing efforts and attract e-visitors through our Web Communications team. The departments I've just mentioned share the goal of reaching the public and providing the best possible Museum visit.

While the operation of The Field Museum relies on money generated through ticket sales and membership fees, a significant part of our revenue also comes from the Museum Stores and our Special Events and Tourism/Group Sales Departments. These areas of the Museum have performed very well in recent years. We encourage you to shop in our stores for unique items, and to book an event or group tour as another way for you and your guests to experience the Museum. Your support of our businesses helps fund the Museum's mission and is greatly appreciated.

I hope you enjoy this issue of *In the Field* and come to the Museum soon to see all we have to offer.



JOHN WEINSTEIN/GN88793C



ERIC CRAIG

*Laura Sadler*

**Laura Sadler**  
**Senior Vice President**

*The Museum Store (above) and events such as this King Tut-themed dinner (left) generate revenue for the Museum.*





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# An Epic Story: The Ancient Americas

## New Permanent Exhibition Opens March 9

The Ancient Americas, The Field Museum's newest permanent exhibition, takes visitors on a journey through 13,000 years of cultural evolution in the Western Hemisphere, where hundreds of diverse societies thrived long before the arrival of Europeans.

*A few of the spectacular artifacts featured in The Ancient Americas (left to right): The Clovis people hunted during the Ice Age using spear points such as this one. Hopewell craftsmen made this beautiful mica bird claw. A Zapotec urn portrays Cocijo, a supernatural force. A vessel from northern Peru depicts a Moche warrior. The Wari people of southern Peru carved figurines such as this.*

Step into the windswept world of Ice Age mammoth hunters. Walk through a replica of an 800-year-old Pueblo dwelling. Discover how and why the early peoples of the Americas developed farming, created new forms of artistic expression, and forged mighty empires. See more than 2,200 artifacts and come to understand the ingenuity with which ancient peoples met the challenges of their daily lives—as we meet ours today.

*The Ancient Americas* is a 19,000-square-foot exhibition that tells an epic story, from the arrival of small groups of hunter-gatherers, whose way of life survived into the 20th century, to the great but fragile empires of the Aztecs and the Incas. Visitors will discover the kinds of choices indigenous peoples made and how those choices shaped their lives, their societies, and the land on which they lived.

“Creativity, the ability to adapt and innovate, allowed human beings to build successful societies and develop new forms of cultural expression throughout the world,” says Jonathan Haas, PhD, Field Museum archaeologist and lead curator for *The Ancient Americas*. “But it’s only recently that we’ve come to appreciate the great diversity and the high level of achievement attained independently by peoples throughout the Americas.” (See more comments by Dr. Haas on page 6.)

The exhibition emphasizes that more complex cultures are not better or more refined than simpler cultures. Each culture adjusts to stresses and changes in the world around it in different ways; patterns of similarity emerge as people from different places reach answers to common problems. Visitors should look for these commonalities as they visit *The Ancient Americas*, and ask: What do the cultures in each gallery have in common with one another, and with my own culture?



"I think people will be surprised to discover just how much we have in common with the ancient Americans," says David Foster, the Field's project management director. "When visitors leave the exhibition, they'll have a new perspective on what it means to be human and to live with other people."

David Grange, president and CEO of the McCormick Tribune Foundation said, "We are proud to support this exhibition. Part of the McCormick Tribune Foundation's mission is to invest in communities. We believe that *The Ancient Americas* is a vital addition to Chicago's cultural landscape, educating people about the roots of America's diverse and interdependent cultures."

## Organization is Unique

The galleries of *The Ancient Americas* are organized in a unique way—not in chronological order around discrete cultures, as in traditional museum exhibitions, but around the diverse approaches people have developed to meet the challenges they face. The exhibition explains the forms of hunting and gathering that people undertook as they moved through different environments, the domestication of animals and plants that gave rise to farming communities, the formation of hierarchical governments and states, and the building of vast empires.

Giving substance to this narrative are more than 2,200 fascinating artifacts representing more than 20 distinct cultural groups. Visitors will get to know early Pueblo communities of the American Southwest, the mound-building Hopewell and Mississippian cultures of the Midwest, the Taino of the Caribbean, the Zapotec, Maya, and Aztec of Mesoamerica, the Moche, Wari, and Inca of South America, and many more.

*The Ancient Americas* invites visitors to enter these dramatically different, ever-changing societies, to experience life as it was lived by adults and children hundreds and even thousands of years ago, and to see the earlier inhabitants of the Americas as individuals as well as members of social groups.

Stories of *The Ancient Americas* are told through captivating displays and activities, with something for visitors of all ages and all levels of interest. The Field Museum has created interactive maps, dioramas, computer activities, and animated videos especially for the exhibition.

Highlights include more than 200 ceramic vessels from the Museum's world famous Peruvian collection; hundreds of items from our Hopewell collection that speak of luxury and spirituality; hundreds of the scarce gold objects left after conquistadors stripped Colombia of its treasures; dozens of spear points that tell us much about the people who made them; a stunning array of more than 360 ceramic pots from the Museum's Puebloan pottery collection; and body adornments, ocean shells, musical instruments, and other rare items acquired by the Mississippian people, whose trade networks brought raw materials and goods from all over North America.

## Living Descendants

European conquest was cataclysmic to the peoples of the Americas. More than 90 percent of the indigenous peoples, and some entire cultures, were annihilated through warfare and disease. Those who survived, however, endured to carry their traditions into the future and to become a vital part of the modern world.

At the exhibition's conclusion, visitors will encounter large-scale videos showing contemporary indigenous individuals and communities throughout the Americas. The videos highlight their connections to the past, the new traditions they're establishing, and the diverse lives they live. Computer stations in the final gallery give visitors the opportunity to delve more deeply into the history and lives of Native Americans. **ITF**

*The Ancient Americas* is made possible by the McCormick Tribune Foundation. The Farming Villagers Gallery is presented by the Abbott Fund. The Innovators Gallery is presented by ITW Foundation.

ALSO, BE SURE TO VISIT CHEYENNE VISIONS (THROUGH JAN. 8, 2008) IN THE MUSEUM'S MARAE GALLERY, FEATURING BEAUTIFUL COLOR PHOTOGRAPHS OF CHEYENNE ART AND ARTIFACTS SELECTED FROM THE MUSEUM'S COLLECTIONS. AND, SEE ESKIMO AND INUIT CARVINGS: COLLECTING ART FROM THE ARCTIC\* (THROUGH JUNE 17) IN THE MUSEUM'S WEBBER GALLERY.

\*Features items from the Van Zelst Family Collection.

**'Visitors will discover the kinds of choices indigenous peoples made and how those choices shaped their lives, their societies, and the land on which they lived.'**

## Artifacts from Our Collections

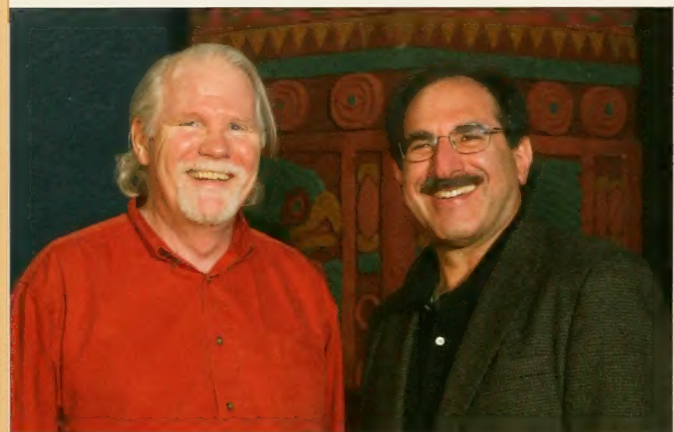
*The Ancient Americas* is built on The Field Museum's unsurpassed archaeological collections. Thousands of objects from these collections bring depth and beauty to the stories of the people who made them and allow visitors to see for themselves the evidence on which our knowledge of ancient Americans is based.



## Tackling the Rich History of the Americas A Conversation with Gary Feinman and Jonathan Haas

By Nancy O'Shea, Editor

When *The Ancient Americas* opens on March 9, it will be the culmination of years of effort for two Museum scientists, Gary Feinman, PhD, chair of the Anthropology Department and curator of Middle American Anthropology, and Jonathan Haas, PhD, MacArthur Curator, Anthropology of the Americas. *In the Field* asked them about the exhibition they helped shape.



DIANE ALEXANDER WHITE

Field Museum anthropologists Jonathan Haas (left) and Gary Feinman (right) worked closely with the Museum's Exhibitions Department to help create *The Ancient Americas*.

**ITF:** *The organization of The Ancient Americas is unlike traditional exhibitions. It is not chronological, but instead stresses the diverse approaches people have used to meet challenges. Why is it structured that way?*

**Dr. Feinman:** We are a natural history museum, a science museum. One of our strengths is that we can discuss what archaeologists and anthropologists have learned about pre-European Americas over the last 100 years. The structure of *The Ancient Americas* gives us the best opportunity to do that—we can discuss how diversity came to be, how different pathways were taken through deep history. The scale of the exhibition is hemispheric.

**Dr. Haas:** This exhibition is a grand story! However, the sweep of the story would be lost if we followed the development of single cultures. For instance with the Maya culture, the whole story can't be told from the standpoint of the "archetypal Maya"—it's impossible, there's too much variation.

**ITF:** *How do you tell this grand story?*

**Dr. Feinman:** We use many artifacts, paying close attention to areas where the Museum has strong collections. But we also provide a *context* for understanding the cultures that made these artifacts, by showing maps, scale models, videos, etc. In that way, *The Ancient Americas* is much different from past exhibitions. There's a lot to learn from looking at a ceramic vessel, but it's important to see how cities arose and what they looked like, too.

I want to stress that this is not an exhibition about *progress*. It's an exhibition about creativity, innovation, diversity, and problem solving.

**Dr. Haas:** I agree. At the time the Europeans came to the New World, there were still many groups of hunter-gatherers. They were hunter-gatherers because they were *successful* at that way of life, not because they had failed to progress.

In *The Ancient Americas*, we try to give a sense of what it was like to be a real person at the time. For instance, what was it like for a child to bring lunch to his father who was building a Maya pyramid? We bring everyday life to the forefront; we show the life of a farmer, not a king. We don't focus only on the elite or elite objects. In addition to artistic highlights, we also show everyday objects that reflect real life.



**Dr. Feinman:** The exhibition also highlights on-going research; The Field Museum has a strong program in American archaeology and all the participants in these research programs are featured in videos throughout the exhibition.

**Dr. Haas:** That emphasis on present-day science makes the exhibition dynamic—it can be changed to reflect new research and discoveries. It will not become obsolete.

**ITF:** *How does this exhibition compare to other museums' exhibitions on the Americas?*

**Dr. Haas:** The Ancient Americas represents a singular accomplishment in the world today. In 50 years, no other museum has attempted to tackle the rich history of the Americas as a whole. Because of The Field Museum's curatorial strengths and outstanding collections in the ancient cultures of North, Middle, and South America, this exhibition represents a logical focus and an opportunity for us to assume a leadership role. The institution as a whole took this responsibility very seriously. [Field Museum President] John McCarter provided strong support and inspiration.

**ITF:** *Describe your working relationship with other Museum staff.*

**Dr. Haas:** We had an ideal relationship between curators and exhibitions staff as we worked together to translate our collections and research into a public exhibition. For instance, when the designers were working on a color palette, I brought in a piece of plaster from a pueblo and they duplicated it. That kind of authenticity continued with all the details. The result is an exhibition that is content-rich and design-brilliant.

Alaka Wali, [PhD, director of the Museum's Center for Cultural Understanding and Change] also played a key role by reading label copy and making sure the messages were what we wanted to say.

**Dr. Feinman:** And from the outset, participation from the Education Department and the Anthropology professional staff, including conservators, collection managers, and the registrar, was excellent.



JOHN WEINSTEIN/114469\_370

*In the exhibition, visitors can learn about the connections between the foods we eat today and those domesticated by the ancient Americans.*

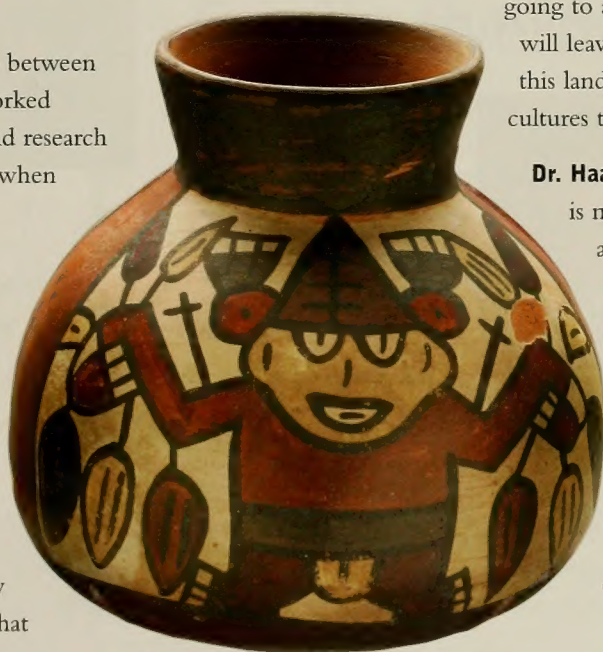
## 'It's an exhibition about creativity, innovation, diversity, and problem solving.'

**ITF:** *Why is The Ancient Americas an important exhibition for The Field Museum?*

**Dr. Feinman:** It's important to get the information out to the publics of Chicago because there are many people here whose roots are Native American or whose ancestry extends to Latin America. In addition, other people with Euro-American or African-American backgrounds often are not aware of the history of this land or hemisphere. Many people in Chicago don't know that the largest indigenous settlement in the continental United States—Cahokia—is right here in Illinois! This exhibition is an effort to convey where we are situated and who we are in an historical sense. The topic is rich, fluid, and meaningful. The deep history of this hemisphere is still being discovered, so

not every visitor or scholar who comes to the Museum is going to agree with us. Yet we hope that they will leave here thinking about the history of this land, the peoples who lived here and their cultures that changed over time.

**Dr. Haas:** I also think that The Field Museum is moving back to its roots as a museum—a place to bring cultures to people and make people think—not just a building for the display of artifacts. Museums originally were a place for the muses, inspirations for the arts and the sciences. With this exhibition, we are using the tools of artifacts and exhibitry to tell the wonderful story of the people of the Americas. **ITF**



*This vessel made by the Nazca people of southern Peru shows a man grasping plants in both hands.*

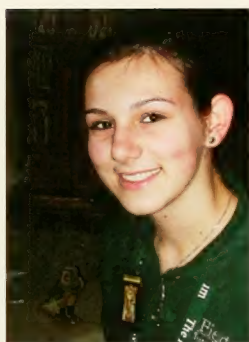
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## Teen Volunteers Are Making a Difference

By Brian Droege, Coordinator of Gallery Programs

During the summer of 2006, 72 teenagers volunteered in The Field Museum's Education Department conducting hands-on activities in the Museum's galleries. The volunteers came from high schools and communities throughout the Chicago area and spent more than 2,500 hours working with nearly 75,000 visitors. Here, three of the volunteers discuss their experiences.



BRIAN DROEGE

### **Magdalyne Christakis** **Stagg High School**

*Volunteering reinforced all of the interests that the Museum sparked in me when I was younger. Helping little kids understand and get excited about learning is the most rewarding part of the job!*

*A girl, probably about five years old, ran up to me and asked, "Is that a replica of Sue?" When I told her that it was the real Sue she quickly thanked me and ran over to her dad with the biggest smile on her face saying, "Daddy, Daddy it's the real Sue!"*



DIANE ALEXANDER WHITE

### **Tanny Huynh** **Northside College** **Preparatory High School**

*Thanks to volunteering, I've become a more confident speaker and I'm more comfortable around large groups of people. You learn new things. Working with guests is a rewarding experience; you know that you're making a difference. And, where else can you pass the world's most complete T. rex fossil on your way to work? ITF*

### **Aleena Agrawal** **Whitney Young High School**

*I love helping out families. There's so much that can be learned from one-on-one human interaction. My favorite visitors are the young children who are intelligent beyond their years. They know precisely what I am talking about and yearn to learn even more than I can tell them. Volunteering also made*



DIANE ALEXANDER WHITE

*me realize how much effort and teamwork it takes to keep The Field Museum running. All the volunteers and docents honestly love the institution.*

THIS SUMMER, TEEN VOLUNTEERS WILL FACILITATE ACTIVITIES THAT COMPLEMENT THE NEW PERMANENT EXHIBITION, THE ANCIENT AMERICAS. TEENS (AGES 14-19) INTERESTED IN VOLUNTEERING CAN LEARN MORE AT [WWW.FIELDMUSEUM.ORG](http://WWW.FIELDMUSEUM.ORG) OR E-MAIL [TEENS@FIELDMUSEUM.ORG](mailto:TEENS@FIELDMUSEUM.ORG). APPLICATIONS ARE DUE APRIL 18, 2007.



# YOUR GUIDE TO THE FIELD

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## Programs at a glance

### DETAILS INSIDE!

#### THE ANCIENT AMERICAS PROGRAMS

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How The Ancient Americas Came to Be **3/10**

Artists at the Field **3/10**

Cape Fox Totem Pole Carving **3/18–3/31**

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Feathers, Flight and the New Dinosaurs **4/1**

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Dinosaur Forensics **4/14**

#### FAMILY PROGRAMS

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Create a Play in One Day **3/10, 5/26**

Fossil Hunt at Mazon Creek **3/24, 4/21**

Behind-the-Scenes: Insects **4/13**

#### ADULT PROGRAMS

Ancient Arts/Contemporary Artists **3/31**

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The Lost Gospel of Judas **3/6**

My Wild Life **3/20**

Exploring the Deep Frontier **4/10**

The Photographic Life **5/8**

## Final Weeks!

### Gregor Mendel: Planting the Seeds of Genetics

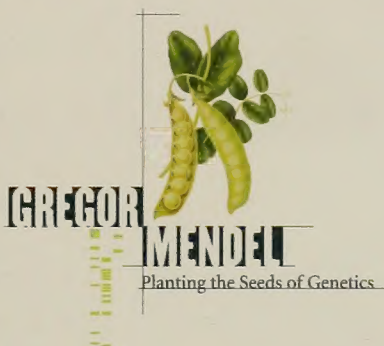
**CLOSES APRIL 1, 2007**

Meet the brilliant, 19th-century friar who became the father of modern genetics. Recreate Mendel's famous pea experiments to discover the laws

of heredity for yourself, understand the basics of genetics, and meet modern Mendels—scientists on the cutting edge of this field today.

This exhibition and its North American tour were developed by The Field Museum, Chicago, in partnership with The Vereinigung zur Förderung der Genomforschung, Vienna, Austria, and The Mendel Museum, Brno, Czech Republic.

Chicago Sponsor: Monsanto Company



## Family Overnights

### Dozin' with the Dinos

Sue the T. rex is having a sleepover! Join us for a night of activities, tours, and performances. Explore ancient Egypt by flashlight, prowl an African savannah with man-eating lions, and take a stroll through the Royal Palace in Bamum, Africa. Then spread your sleeping bag amidst some of our most popular exhibitions. The event includes an evening snack and continental

breakfast. For families with children ages 6–12.

**FRIDAYS, MARCH 2, MARCH 23, MARCH 30, APRIL 6, & MAY 4, 5:45PM IN THE EVENING UNTIL 9AM THE FOLLOWING MORNING**

*Pre-registration required. \$47 per person, members \$40 per person*



FMDSCF0283.3

**PURCHASE YOUR EVENT TICKETS ONLINE AT [WWW.FIELDMUSEUM.ORG](http://WWW.FIELDMUSEUM.ORG)**


**GENERAL MUSEUM INFORMATION: 312.922.9410**

**FAMILY AND ADULT PROGRAM TICKETS AND INFORMATION: 312.665.7400**

**Please note:** Refunds will be issued by Field Museum staff, minus a \$10 processing fee, for group and family overnights only. No refunds or exchanges are permitted for any other programs. Fees for programs cancelled by The Field Museum will be refunded in full.

The Field  
Museum





# THE ANCIENT AMERICAS

**Opens March 9**

Journey through 13,000 years of human ingenuity from Ice-Age mammoth hunters to the awe-inspiring empires of the Incas and Aztecs.

## Ancient Americas Discovery Days

Celebrate the opening with spectacular activities for the whole family! Pick up a *Family Adventure Pack* and gather clues from the exhibition to find out what life was like in the ancient Americas. Visit one of our new ancient Americas interpretive stations to explore ancient tools, crop domestication, and more. Attend the debut of our *Native American Story Teller Series* with Mohawk/Six Nations Tribe storyteller, Florence Dunham, and enjoy a performance by the Mexican

Folkloric Dance Company of Chicago.

**SATURDAY & SUNDAY,  
MARCH 10 & 11,  
11AM-2PM**

*Free with Museum admission*

Story Time is presented by Kraft Foods, Inc.

Family Adventure Packs are sponsored by Sears Holdings Corporation.



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FM/JOHN WEINSTEIN



COURTESY OF THE MEXICAN FOLKLORIC DANCE COMPANY OF CHICAGO



FM/JOHN WEINSTEIN

## How The Ancient Americas Came to Be: A Curator's View

*Dr. Jonathan Haas, FM Dept. of Anthropology*

Get a first-hand look at the process of bringing *The Ancient Americas* to life! Lead Curator Haas will detail the academic work that has been involved in choosing artifacts, crafting exhibition content, and creating an engaging space where visitors of all ages can learn about the fascinating history of the Americas.

**SATURDAY, MARCH 10, 2PM**

*Free with Museum admission*

## Special Artists at the Field

*David Stocker,  
the Hopewell panpipe*



COURTESY OF DAVID STOCKER

Meet David Stocker, a published musician, recording artist, and writer who was commissioned by The Field Museum to replicate a Hopewell panpipe for *The*

*Ancient Americas*. Hear about the connection this 2,000-year-old artifact has to the world of music and make your own model of a Hopewell panpipe to take home! Note: panpipe construction is available to the first 150 visitors to this program.

**SATURDAY, MARCH 10, 11AM-2PM**

*Free with Museum admission*



FM/JOHN WEINSTEIN



## Cape Fox Totem Pole Carving

Watch as father and son artists Nathan and Stephen Jackson, of the Cape Fox Tlingit community in Alaska, carve a newly commissioned totem pole for The Field Museum.

**MARCH 18-31, 11AM-2PM**

*Free with Museum admission*

The Cape Fox Totem Pole was made possible with funding from the Elizabeth F. Cheney Foundation.



COURTESY OF MARTIN BAUMGAERTNER, ANGLE PARK FILM & VIDEO

MICHAEL WEINSTEIN



## Adult Fieldtrip

### Native Trails of Chicago

*Edward Lace and John Elliot, Tour Guides*

Take a bus tour through the major highways of Chicago and unearth their history as trade routes for the Native peoples of the Great Lakes region. Examine maps of Native trails while exploring historic sites like Chicago Portage Trails and Ottawa Trails.

**SATURDAY, MAY 5, 8:30AM-3PM**

*Pre-registration required.*

**\$55, \$45 member**



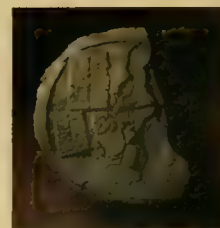
## Terrace Festival

### Ancient Americas Festival Days

Join us for the launch of our summer terrace festival and enjoy drop-in activities, craft demos, and performances featuring artisans from throughout the Americas! Featured programs will include "Talking with the Clay," where children can create their own pinch pot, demos by flintknapper John Whitaker and potter Mary Jane Holwalt, and a musical performance by One Drum.

**SATURDAY & SUNDAY, MAY 26 & 27, 11AM-2PM**

**FREE!**



MICHAEL WEINSTEIN

The Ancient Americas is made possible by the McCormick Tribune Foundation. The Farming Villagers Gallery is presented by the Abbott Fund. The Innovators Gallery is presented by ITW Foundation. Generous support provided by Ernst & Young and LaSalle Bank.

Public programs supported in part by the Illinois Humanities Council.



## Create a Play in One Day!

### Foundation Theatre Group

Put your little one in the director's chair! Children ages 5–11 will write a short play under the tutelage of professional actors, cast it with their new friends from the workshop, create their own costumes, and perform for the general public at the Museum that same day. Participants should bring a brown bag lunch.

**Life in the ancient Americas:** SATURDAY, MARCH 10

**Dinosaurs:** SATURDAY, MAY 26

REHEARSAL & WRITING: 11AM–2PM

PERFORMANCE: 2:30PM

Pre-registration required. \$16, members \$12



## Family Fieldtrip

### Fossil Hunt at Mazon Creek

Dave Dolak, Columbia College

Come with us to the world-famous Mazon Creek site, and discover what Illinois was like more than 300 million years ago! Plan on a one-quarter mile walk to fossil locations. For families with children ages 8–17.



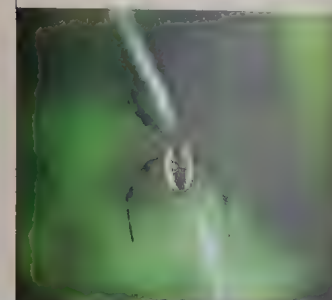
COURTESY OF KATHLEEN DONOFIO

SATURDAY, MARCH 24  
OR SATURDAY, APRIL 21,  
8AM–3PM  
Pre-registration required.  
\$40, \$30 members

## Family Behind the Scenes

### Insects

Go behind the scenes with Jim Louderman of the Insect Division to learn all about spiders and other insects!



FRIDAY, APRIL 13,  
6PM–8PM  
Pre-registration required.  
\$15, \$12 member



## Adult Fieldtrip

### Ancient Arts/Contemporary Artists

Mary Tepper, Instructor, Hyde Park Art Center and Oriental Institute

Join us for the first in a special series of Oriental Institute/Field Museum fieldtrips focusing on the work of Chicago artists who have been inspired by the techniques and motifs of ancient times. Tour the Oriental Institute to explore writing materials in the ancient Near East, then visit the Hyde Park Art Center to participate in a papyrus-making workshop, and end your day with a wine and cheese reception.



SATURDAY, MARCH 31, 1PM–5PM  
Begins at Oriental Institute;  
Bus transportation provided to  
the Hyde Park Art Center

Pre-registration required. \$59,  
\$49 for Oriental Institute and  
Field Museum members

Call the Oriental Institute at 773.702.9507 for more  
information or register online at [www.oi.uchicago.edu](http://www.oi.uchicago.edu)

## Adult Course/Fieldtrip

### From the Lakefront to the Moraine: The Glacial History of the Chicago Area

Explore the geological features of the south shore of Lake Michigan as it has developed over the past 15,000 years in this three-part class and fieldtrip to Indiana Dunes National Lakeshore.

WEDNESDAYS, APRIL 11, 18, & 25, 6PM–8PM  
FIELDTRIP: SATURDAY, APRIL 28, 8AM–2PM  
Space is limited. Pre-registration required.

Cost for both the adult course and fieldtrip (register by  
April 4): \$155, members \$145

Cost for fieldtrip only (register by April 20): \$85,  
members \$75

FM/CNBB045 20PAUL BAKER



## Adult Lectures

### Evolving Science at the Field The Visual Delights of Dunhuang

Dr. Sarah E. Fraser, Northwestern University

Dunhuang, a UNESCO World Heritage monument, is home to numerous medieval Buddhist murals and manuscripts. Hear about these significant cave shrines and their importance in the history of art.

SATURDAY, MAY 12, 2PM  
Free with Museum admission



COURTESY OF SARAH FRASER

### The Ape in the Tree: The Natural and Intellectual History of Proconsul

Dr. Alan Walker and Dr. Pat Shipman, Department of  
Anthropology, Penn State University

Ever wondered about apes in the human family tree? Hear about Proconsul, a 20 million year old fossil ape found in Western Kenya, and discover how expeditions to remote areas of Africa and innovative analyses in high-tech laboratories have helped to unlock the secrets of this last common ancestor of apes and humans.

SATURDAY, APRIL 21, 2PM  
Free with Museum admission



© JOHN GURCHE

## Performance

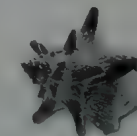
### Te Hokowhitu-a-Tu Maori Cultural Group

Witness a spectacular performance by Maori family members from Tokomaru Bay, New Zealand, then visit Ruatēpupuke II to see their exquisitely carved meeting house said to embody the beloved ancestor whose name it bears. Enjoy songs and performances that continue the legacy left by their ancestors and honor those who gave their lives for New Zealand in World War II.

APRIL 12, 13, & 14, 11:30AM  
Free with Museum admission



FM/AL12518C



**Dinosaurs: Ancient Fossils, New Discoveries**  
MARCH 30–SEPTEMBER 3, 2007

**Gregor Mendel: Planting the Seeds of Genetics**  
THROUGH APRIL 1, 2007

**Treasures of the Titans**  
THROUGH JUNE 3, 2007

**Eskimo and Inuit Carvings:  
Collecting Art from the Arctic**  
THROUGH JUNE 17, 2007











# DINOSAURS

ANCIENT FOSSILS, NEW DISCOVERIES

Opens March 30



## Dino Discovery Days

Be there for the opening of *Dinosaurs: Ancient Fossils, New Discoveries* and take part in fun-filled dinosaur activities for the whole family! Stop by one of our interpretive stations to learn about geological "hot spots", make your own animated dino flip book, investigate extinction theories, and enjoy dino-themed Story Time presentations!

### OPENING WEEKEND

SATURDAY, MARCH 31 & SUNDAY, APRIL 1, 11AM-2PM

Free with Museum admission

## Evolving Science at the Field

### Horned Dinosaurs: Display or Defense?

Dr. Peter Makovicky, Curator of Dinosaurs, FM Dept. of Geology

Ever wonder what dinosaurs use all of those unusual frills and horns for? Hear from an expert about the latest theory concerning their use, including competition for mates and easy identification of others in their species. Dr. Makovicky's research focuses on the Ceratopsia group, or horned dinosaurs, and he has studied them in fossil sites around the world.

SATURDAY, MARCH 31, 2PM

Free with Museum admission



## Evolving Science at the Field

### Feathers, Flight and the New Dinosaurs

Dr. Julia Clarke, Curator, North Carolina Museum of Natural Sciences

If you think dinosaurs are extinct, join expert Julia Clarke as she explores the evolution of birds from dinosaurs. Hear how Clarke's research on avian dinosaurs—otherwise known as birds—proves that they are living descendants of dinosaurs that survived and flourished well past the mass extinction event 65 million years ago.

SUNDAY, APRIL 1, 2PM

Free with Museum admission

Impressions of Tsavo  
THROUGH JULY 7, 2007

## Adult Lecture

### T. rex: Fast or Fiction?

Dr. John R. Hutchinson, Royal Veterinary College, University of London

Get under the skin of Earth's largest creatures! Hutchinson studies the anatomy of large land animals—including elephants and dinosaurs—and uses modern methods of biomechanics to explore how size affects the way these animals move. You'll see how his use of computer simulations reveals the way complex muscles, tendons, and bones of the limbs work to produce locomotion, illustrating the difference in these animals.

SATURDAY, APRIL 14, 2007, 2PM

Pre-registration required. \$17 (includes one ticket to *Dinosaurs: Ancient Fossils, New Discoveries*); \$10 (includes General Museum admission)

## Family Workshop

### Dinosaur Forensics

Richard Kissel, Field Museum Paleontologist

Be a dino detective! Examine clues like fossil bones and dino tracks to uncover how these ancient beasts lived and died. For families with children ages 6–12 years old.

SATURDAY, APRIL 14, 10-11:30AM

Pre-registration required. \$16 per person, \$12 member (includes a ticket to *Dinosaurs: Ancient Fossils, New Discoveries*)



This exhibition is organized by American Museum of Natural History, New York in collaboration with The Field Museum, Chicago; Houston Museum of Natural Science; the California Academy of Sciences, San Francisco; and the North Carolina State Museum of Natural Sciences, Raleigh.

Education Program Sponsor: SAP.

Cheyenne Visions  
THROUGH 2007



NATIONAL GEOGRAPHIC

# LIVE!

Explore the frontiers of human knowledge, from early Christianity and new primate species to our changing oceans and the world of photography. These dynamic men and women will share eye-opening images and compelling stories from the frontlines of discovery, in our four remaining events this spring.



## The Lost Gospel of Judas

Marvin Meyer, author and scholar of Gnosticism

Go behind the scenes of a discovery that electrified Biblical archaeology and scholarship, and captured

the imagination of millions worldwide: the discovery of the "Gospel of Judas." This long-lost text from the early history of Christianity offers a radically unconventional view of the relationship between Jesus and the disciple who "betrayed" him. Dr. Meyer, who helped to authenticate and translate this document, will share the story of its discovery, history and significance.

TUESDAY, MARCH 6, 7:30PM

## My Wild Life: Discovery in Madagascar

Mireya Mayor, Primatologist and Journalist

Experience the thrill of scientific discovery with Mireya Mayor, a primatologist specializing in lemurs who is also an Emmy-nominated correspondent for National Geographic Explorer. This daughter of Cuban immigrants will describe her life in the worlds of science and television, with a particular focus on her breakthrough discovery of a new lemur species in Madagascar.

TUESDAY, MARCH 20, 7:30PM

MARK THIESSEN C. NGT



## Exploring the Deep Frontier

Sylvia Earle, Marine Biologist and National Geographic Explorer-in-Residence

Hear a report on the state of the world's oceans from a woman Time magazine named a "hero for the planet." Also known as "Her Deepness," Sylvia Earle has totaled

more than 6,000 hours underwater and holds numerous diving records. She recently helped persuade President Bush to establish a new National Marine Monument in the Northwestern Hawaiian Islands.

TUESDAY, APRIL 10, 7:30PM



KIP EVANS

## The Photographic Life

Sam Abell, National Geographic Photographer

Share the excitement, intrigue, frustration, heartbreak, and joy of covering the world for National Geographic. One of the most respected names in photography, Sam Abell has been acclaimed for bringing an artist's sensibility to photojournalism, and offers a thoughtful retrospective on his distinguished career.

TUESDAY, MAY 8, 7:30PM



SAM ABELL

## Individual Events

Patron (reserved seating): \$30; TFM, NG and Geographic Society of Chicago members \$28.

General admission: \$24; TFM, NG and Geographic Society of Chicago members \$22; Educators/students \$15.



# Ponder the riches of nature and culture

## Cultural Connections

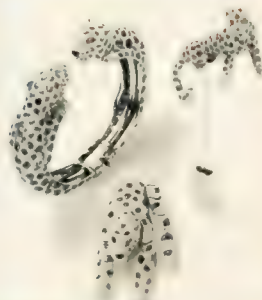
Join the intercultural dialogue with Chicago region cultural centers and museums. Programs include comparative presentations on this year's theme, *How We Teach...Teaches*, followed by lively discussions over food on the diverse range of our educational experiences. To register for these programs, call 312.665.7474

or visit [www.fieldmuseum.org/ccuc](http://www.fieldmuseum.org/ccuc)

Cultural Connections has received generous support from the Institute of Museum and Library Services, Polk Bros. Foundation, Richard H. Driehaus Foundation, Charles and M.R. Shapiro Foundation and Chicago Park District.



FM/SAMANTHA JOHNSON



COURTESY N. WELSH FOR THE CARTIER COLLECTION

## Treasures of the Titans

THROUGH JUNE 3, 2007

*Treasures of the Titans* features exquisite jewelry and accessories associated with iconic figures of the twentieth century such as Elvis Presley and Sophia Loren. Presented in the Grainger Hall of Gems, the exhibition highlights spectacular objects that reflect the character and style of the people associated with them.

This exhibition is organized by the National Jewelry Institute.

## Eskimo and Inuit Carvings: Collecting Art from the Arctic

THROUGH JUNE 17, 2007

Discover historic and contemporary carvings in stone and animal bone created by Eskimo and Inuit artists from Alaska and Canada.

This exhibition was organized by The Field Museum.

Features items from the Van Zelst Family Collection.



FM/JOHN WEINSTEIN

## VISITOR INFORMATION



MIKE TAYLOR

### GETTING HERE

Field Museum visitors can park in Soldier Field's parking garage. Visit [www.fieldmuseum.org](http://www.fieldmuseum.org) for information on parking lots/rates, free trolleys and public transit.

### HOURS

Regular hours are 9 a.m. – 5 p.m. daily. Last admission at 4 p.m. Hours are subject to change. Please consult the Museum's website for the most up-to-date information. Please note the Museum closes at 5pm even when an evening event is scheduled. Event participants will be asked to leave the building until 30 minutes before their event begins.

### ADMISSION AND TICKETS

Member passes can be reserved through the membership department (312.665.7705) or picked up at the membership services desk. For non-members, The Field Museum's gold pass, which includes general admission plus one special exhibition, ranges in price from \$8 to \$19, depending on your age category and whether you are a Chicago resident. Please bring your ID to receive the appropriate ticket price.

Tickets are available at the Museum's admission desks, or in advance via [www.fieldmuseum.org](http://www.fieldmuseum.org) or 866.FIELD.03. For all admission and ticket details, visit [www.fieldmuseum.org](http://www.fieldmuseum.org).

### ACCESSIBILITY

Visitors using wheelchairs or strollers may be dropped off at the new East Entrance. Handicapped parking and wheelchairs are available on a first-come, first-served basis. The West Museum parking lot is also available for handicapped parking on a first-come, first-served basis, and the West Entrance is also handicap-accessible. Call 312.665.7400 to check on the accessibility of programs that take place outside of the Museum.

### INFORMATION

312.922.9410 or [www.fieldmuseum.org](http://www.fieldmuseum.org)

The Field Museum salutes the people of Chicago for their long-standing, generous support of the Museum through the Chicago Park District. In addition, Museum programs are partially supported by a CityArts Program 4 Grant from the City of Chicago Department of Cultural Affairs and the Illinois Arts Council, a state agency

In accordance with Title IX of the Education Amendments Act of 1972, we do not discriminate on the basis of sex in our programs or activities. Please call 312.665.7271 to contact our Title IX Coordinator in the human resources department should you have any questions or concerns.



## Invasion of Great Grey Owls Adds to Museum's Collections

In the autumn of 2004, observers in Minnesota on the north shore of Lake Superior reported an influx of Great Gray Owls. These magnificent birds of the boreal forest are found mostly in Canada. While not weighing as much as either Great Horned or Snowy Owls, Great Grays appear larger because of their long bodies and broad wingspans. They feed primarily on small rodents and they have such acute hearing that they can locate a mouse moving under the snow and then plunge through to capture it. The observations on the north shore were not particularly surprising because this owl is well known for its periodic incursions into northern states. Every three to five years there is an influx of Great Grays that is correlated with declines in prey populations in Canada.

*Great Grey Owls invade the northern United States about every three to five years because of declines in prey populations in Canada.*

However, no one anticipated the magnitude of the invasion during the winter of 2004–05. Over 5,000 owls were observed in Minnesota, nearly 20 times the highest estimate for any previous year!

One birding group saw 256 individuals in a one-day trip across the north central counties of the state. After a bird was spotted south of Madison, WI, birders patrolled the northern border of Illinois to see if they could document the first record for Illinois (they didn't).

In addition to all of the birds seen alive, many were found dead. Some of them had starved, but most were found at road edges where they had been hit by cars. The Minnesota Department of Natural Resources and the Natural Resources Research Institute of the University of Minnesota, Duluth accumulated these birds in freezers. From January to May, 2005, Field Museum scientists made monthly trips to Duluth, filling a car to the brim with more than 100 owls each time, eventually adding nearly 700 specimens to the Museum's collections where they will serve as a permanent record of this remarkable invasion year.

Museum researchers have analyzed the contents of the birds' stomachs (nearly 80 percent of prey items were meadow voles). Analysis of isotopes from feathers may help pinpoint the places of origin in Canada, and tissue samples will allow genetic studies. And always, the specimens will be here for comparison to those from past and future invasions. **ITF**

*David Willard, PhD, collections manager, Field Museum division of birds, contributed this Scientist's Pick.*



HAROLD SCHUTZ

**'...no one anticipated the magnitude of the invasion during the winter of 2004–05.'**



## Dinosaurs: Ancient Fossils, New Discoveries Exhibition Opens March 30

*Dinosaurs: Ancient Fossils, New Discoveries* (March 30–Sept. 3) brings new life to old bones with an eye-opening look at dinosaurs as living creatures that breathed, battled, and bred in complex environments they shared with countless other species.



WALIG CHESER  
BOLEFRICK MICKENS

Top: The exhibition features a 60-foot life-size biomechanical model of *Apatosaurus* that explores its neck and tail mobility.

Bottom: A 700-square-foot diorama of a 130-million-year-old forest in Liaoning, China is the most detailed recreation of a prehistoric environment ever constructed.

ALL IMAGES © AMERICAN MUSEUM OF NATURAL HISTORY

Using real fossils and casts, high-tech moving models, vivid computer animations, and a recreated Mesozoic forest, the exhibition highlights cutting-edge research by scientists at The Field Museum and around the world—including new information about the evolutionary link between dinosaurs and modern birds. Visitors can watch a robotic *T. rex* run, touch a real *Triceratops* horn, and use new computer software to see how an *Apatosaurus* moved its neck and tail. The exhibition showcases the latest fossil finds, mysteries that are being revealed by new technologies, and discoveries that are changing scientists' ideas about how dinosaurs lived...and how they died.

### New Discoveries

"The beauty of paleontology is that we're constantly finding out new things," says Peter Makovicky, PhD, the Museum's curator of dinosaurs. Dr. Makovicky has conducted groundbreaking research on three of the new dinosaur species discovered in China's Liaoning Province, home to some of the most important and best-preserved fossil beds in the world. This is where, for example, the first feathered dinosaurs made headlines—and changed our view of birds forever.

Visitors will come face-to-face with dozens of extraordinary creatures like these in the exhibition's centerpiece: a 700-square-foot recreation of a Liaoning forest as it might have looked 130 million years ago. Here a *Microraptor*, wing-like feathers on its arms and legs, glides between trees; a badger-sized mammal stalks a group of baby parrot-beaked dinosaurs; and a small dinosaur sleeps like a bird, with its head tucked under its forearm and its tail encircling its body. The diorama includes a host of life-like dinosaurs, unfamiliar mammals, extinct and living plants, huge insects, primitive birds, and more familiar looking amphibians and fish.

"The geography of this area in China did an amazing job of preserving not only bones but soft tissue," Dr. Makovicky says. "We've been able to see feathers and protofeathers [early, feather-like fibers], and even the veins on insect wings." The exhibition shows what these delicate finds tell scientists about the evolution of feathers and flight.

'...discoveries that are changing scientists' ideas about how dinosaurs lived...and how they died.'



## New Technologies

Remember the scene in *Jurassic Park* where a *T. rex* pursues our heroes at speeds of 45 miles an hour? That plot twist will have to be updated, according to the latest experiments in biomechanics. Scientists and movie directors now have new information on just how fast a creature of that size and shape really could run—and it's probably about half that speed.

Paleontologists today are as much biologists as geologists, studying dinosaurs not only as dead fossils but as living biological entities. Collaborating with engineers, computer scientists, and others, they constantly test and retest their hypotheses.

Visitors will see what that means when they encounter a six-foot, walking *T. rex* skeleton—the most accurate model ever built showing how the creature moved. Next to it, at a touch-screen station, visitors can conduct virtual experiments to see how changing muscle mass, posture, or center of gravity would affect the speed of a rampaging *T. rex* and other animals, including humans. Vying for the “coolest dino” title is a stunning 60-foot-long *Apatosaurus* skeleton near a giant video screen showing the addition of bone, muscle, and skin.

*Dinosaurs: Ancient Fossils, New Discoveries* shows how our understanding of ancient life is expanding with the help of a host of new technologies—from engineering software that allows scientists to investigate dinosaur movements,

to high-tech imaging that lets them look inside fossils and see the outlines of dinosaur brains.



MICK ELLISON

*This fossil of the newly discovered Sinornithosaurus millennii shows clear imprints of feathers.*

## New Ideas

New discoveries and new technologies have led scientists to new insights about ancient life. The now widely accepted evolutionary link between dinosaurs and birds is one idea explored in the exhibition—through feathers, bone structure, and much more. Other new ideas address something equally mysterious: dinosaur behavior.

For example, dinosaur tracker Martin Lockley examined the tracks of nearly two dozen sauropods that, millions of years ago, walked across an ancient mudflat on what is now a Texas ranch. Lockley was able to identify individual animals and calculate their size and direction. He concluded that small and full-grown dinosaurs were traveling together, the little ones following in the tracks of the larger ones, just as elephants do today. A large recreation of the trackway, with special lighting tracing the steps of individual dinosaurs, shows how scientists read ancient footprints.

And what about those outlandish horns, spikes, crests, and frills sported by so many dinosaurs? Plenty of them are mounted on the exhibition's “trophy wall” of ceratopsian skulls. Were they used for fighting or defense? For display and competition in attracting a mate? For species recognition? Or for cooling animals on a hot day? (See page 12.)

One of the longest-running debates in paleontology involves extinction. Those who hold to the giant meteorite theory, might be surprised to discover that recent research points to a more complicated story—one involving not only a huge impact, but also intense volcanic activity, retreating sea levels, and the survival of the fittest of the dinosaurs: those that evolved into birds. **ITF**

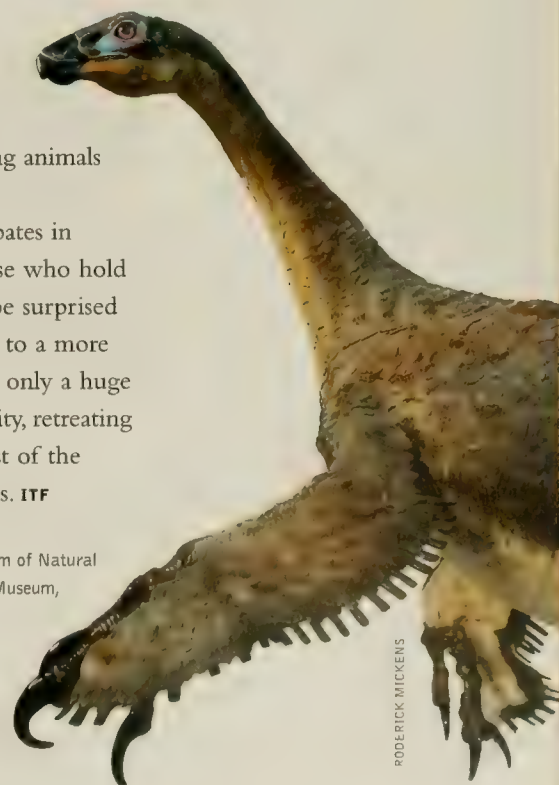
The exhibition is organized by the American Museum of Natural History, New York, in collaboration with The Field Museum, Chicago; Houston Museum of Natural Science; the California Academy of Sciences, San Francisco; and the North Carolina State Museum of Natural Sciences, Raleigh.



CRAIG CHESEK

*Above: Sinosauropteryx prima provided the first evidence that animals other than birds had a feather-like covering.*

*Below: Beipiaosaurus, a recently discovered carnivorous theropod, is one of the largest known feathered dinosaurs.*



RODERICK MICKENS



## Dinosaur Frills: Just for Looks?

By Peter J. Makovicky, PhD, Associate Curator, Field Museum Department of Geology



When confronted with the bizarre assortment of bony structures that adorn the skulls of various dinosaurs, most Museum visitors wonder why such structures evolved and what purpose they served. These questions are addressed in the new exhibition *Dinosaurs: Ancient Fossils, New Discoveries* (March 30–Sept. 3).

One bony structure that has attracted a lot of scientific inquiry is the frill of ceratopsian dinosaurs. This hallmark trait of ceratopsians is formed by three bones at the back of the skull and extends as a short collar above the neck in small, primitive species, but is expanded into a giant shield-like structure in large ceratopsians, like the familiar *Triceratops*. In such species, the edges of the frill can be trimmed with bumps or spikes of various sizes and shapes.

Over the last century, many possible biological functions have been attributed to the ceratopsian frill. These fall into three main categories: defense against predators, a platform for insertion of enlarged jaw muscles, or a visual structure used to recognize members of the same species and perhaps entice mates or ward off rivals during courtship. Recent research has favored a visual display theory to explain the amazing diversity of frill shapes and sizes among ceratopsians. Many large ceratopsians species had very similar skeletal anatomy, and only differ in the arrangement of horns on their face and bumps or spikes along the edges of their frills. Doubtless, these animals used such eye-catching features to recognize members of the same species and to signal potential mates or rivals, just as large mammalian herbivores with different antler and horn shapes do today.

The discovery of *Liaoceratops*, a small and primitive ceratopsian from Liaoning Province, China has added new perspectives to this debate.

*Liaoceratops*, roughly the size of a beagle, is the earliest ceratopsian to display a true frill. Unlike its geologically younger and larger cousins, *Liaoceratops* bore a short and rounded frill with a thick back rim for resisting strong forces. Each side of the frill bears a depression with a small hole in the bottom that was occupied by the fleshy part of a chewing muscle. The edges of these depressions are pockmarked with small pits, the tell-tale sign of muscular insertion. Clearly, the small frill of *Liaoceratops* bore massive chewing muscles that allowed this animal to shear through tough plant matter. Although the frills of slightly more advanced ceratopsians are poorly preserved, they seem to fit this pattern as well, and the visually stunning frills of large ceratopsian don't evolve until much later in the history of this dinosaur group. Because the anatomy of the frill in *Liaoceratops* represents the ancestral condition for ceratopsians, we now hypothesize that frill evolution occurred in two phases. It originally evolved as a platform for enlarged chewing muscles, but was later co-opted to serve as a visual display structure used in the reproductive biology of ceratopsians. **ITF**

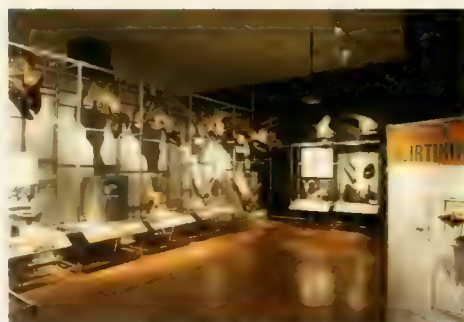
Top of page: *Psittacosaurus*, a two legged, parrot-beaked herbivorous dinosaur, is a member of the same group as *Triceratops* and other horned dinosaurs.



'...visitors wonder why such structures evolved and what purpose they served.'

Above: Specimen at left shows the frill and horns of *Anchiceratops*.

Note the elaborate decoration of the frill in advanced ceratopsians. This specimen, which is missing the snout, is on display in the Museum's Evolving Planet exhibition. Specimen on right is a skull of *Liaoceratops* with a shorter, more massive frill.



Dinosaurs: Ancient Fossils, New Discoveries features several models of ceratopsian skulls.





PATRICK D. PAGNANO

## Treasures of the Titans

### Glitters in the Grainger Hall of Gems Through June 3

*Treasures of the Titans*, a new temporary exhibition at The Field Museum, presents jewelry and accessories created by some of the finest jewelers in the world, including Tiffany and Co., Van Cleef & Arpels, Cartier, Fabergé, and Bulgari. The exhibition features more than 30 exquisitely crafted accessories designed for, or owned by, 20th century icons from the realms of art, politics, entertainment, and industry.



Each piece reveals the character and style of the person associated with it. A stunning Bulgari diamond necklace and earrings set, for example, reflects the glamour of Italian actress Sophia Loren, who was the first person to win an Oscar for starring in a foreign film. Sir Elton John, known both for his musical hits and his outrageous sense of style, is represented by a three-inch diameter brooch showing a globe made of gold, rubies, and diamonds created to commemorate his 1989–90 world tour. Madeleine Albright, the first woman to serve as U.S. Secretary of State, wore an antique eagle brooch studded with rubies, diamonds, and pearls during her 1997 swearing-in ceremony. A striking diamond tiara along with other accessories, illustrate the classic elegance of Princess Grace of Monaco, who first rose to fame as actress Grace Kelly in the 1950s.

The exhibition presents jewelry as exquisite works of art worthy of close inspection. A diamond and sapphire bangle once worn by Princess Sadruddin Aga Khan (known in the fashion world as model Nina Dyer) reveals the artistry and craftsmanship fine jewelers bring to their work. Designed by Cartier, the bracelet is comprised of two panther heads encrusted with circular diamonds and sapphires, accented with emerald eyes and onyx noses.

Organized by the National Jewelry Institute, the exhibition is located in The Field Museum's Grainger Hall of Gems and runs through June 3. The Grainger Hall of Gems houses over 300 cut gems, precious and semi-precious stones, minerals specimens, and a selection of fine jewelry. Visitors to the hall can view priceless gems such as the Aztec Opal and the enormous Chalmer's Topaz along with a rare Tiffany stained-glass window, in addition to enjoying *Treasures of the Titans*. **ITF**



**'Each piece reveals the character and style of the person associated with it.'**

*Top of page: A gold brooch owned by former First Lady Jacqueline Kennedy.*

*Center: Sophia Loren's Bulgari diamond necklace and earrings set reflects her glamour.*

*Bottom: A brooch made of gold, rubies, and diamonds created to commemorate Sir Elton John's 1989–90 world tour.*



## Peek Inside a Rare Salesman's Book

### A "Reliable Instructor" for Columbian Exposition Visitors

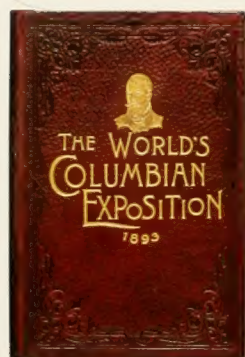
By Michael David Godow, Library Director and Special Collections Manager

The collections of The Field Museum's Library have grown steadily since 1894 when many books were transferred from the World's Columbian Exposition (WCE) to our Museum, which was then known as the Field Columbian Museum. Today, the Library's collections include over 275,000 volumes and three special collections supplement our holdings: the Mary W. Runnells Rare Book Room, Photo Archives, and Institutional Archives.

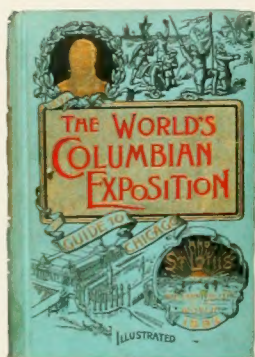
Among the treasures of the Mary W. Runnells Rare Book Room are many unique books and materials concerning the WCE, held in Chicago in 1893. One unusual item, recently donated to the collection by Ted and Louann Van Zelst, is a carefully restored salesman's copy of Horace H. Morgan's *The Historical World's Columbian Exposition and Chicago Guide: Authentic and reliable instructor for visitors to the exposition and the most profitable companion for the sight-seer who has to stay at home*. (Published by F. M. Harter in 1892.)

Morgan's book does not contain the best descriptions of the Exposition—other books compete for that distinction. But it offers an overview of the WCE and even contains a chapter on St. Louis, "The Carnival City of the World." (The book was published in St. Louis—Chicago's bitter rival over who would host the exposition.) Our copy is special because it is a rare, expensively produced sample with abbreviated content, intended to be used by salesmen who sold the book door-to-door via subscriptions in the 1890s. It's literally a piece of World's Columbian Exposition and book publishing history combined.

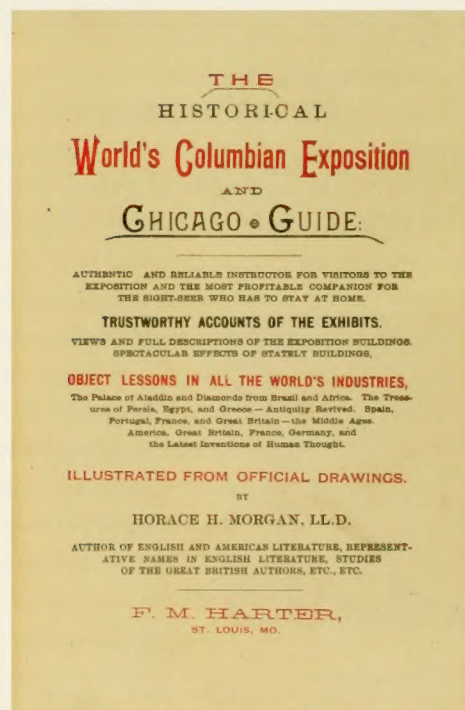
Our copy contains samples of the three bindings available to the customer: full Morocco (full leather cover), half Morocco, or fine English cloth. The salesman's edition does not contain all the pages in the proposed work but does feature highlights of some of the chapters, select chromoliths (color lithographs) by the famous artist Charles Graham, including a foldout bird's-eye view of the fairgrounds, as well as black and white illustrations. At the end of the sample book are ruled pages on pulp paper to record the subscriber's name, address, and chosen binding (cloth binding: \$2.50, half Morocco: \$3.00, full Morocco: \$3.50). The Museum's Library also currently holds a complete published copy of this interesting title from which comparisons can be made. **ITF**



JOHN WEINSTEIN/GN90898.080



JOHN WEINSTEIN/GN90898.270



JOHN WEINSTEIN/GN90898.190

Top: Samples of different bindings included full leather (left) and cloth (right).

Bottom: The guide promised "trustworthy accounts of the exhibits."

FOR MORE INFORMATION ABOUT THIS BOOK AND OTHER WORKS IN OUR COLLECTIONS, OR TO DONATE A WCE WORK, PLEASE CALL 312.665.7887. TO ACCESS THE FIELD MUSEUM LIBRARY WCE ONLINE COLLECTIONS, SEE THE LIBRARY HOME PAGE LOCATED ON [WWW.FIELDMUSEUM.ORG](http://WWW.FIELDMUSEUM.ORG). SPECIAL THANKS TO G.L. DYBWAD AND JOY V. BLISS; THEIR KNOWLEDGE OF WCE MATERIALS WAS HELPFUL IN THE COMPOSITION OF THIS ARTICLE.



## Save the Date! Members' Nights – April 4 and 5

Please join us for the 56th Annual Members' Nights, April 4 and 5, our biggest member event of the year! Go behind the scenes and explore our vast collections, meet our staff, and talk one-on-one with our scientists! *The Ancient Americas* and *Dinosaurs: Ancient Fossils, New Discoveries* will also be open during Members' Nights.

*The Ancient Americas* (see page 4) is an epic journey through 13,000 years of human ingenuity and achievement. Experience the world of Ice-Age mammoth hunters, see how families lived in the first settled villages, explore the awe-inspiring empires of the Incas and Aztecs, and learn how ancient traditions are being preserved today.

What you thought you knew about prehistoric life takes an unexpected turn in *Dinosaurs: Ancient Fossils, New Discoveries* (see page 10). Cutting-edge technology and newly discovered fossils reveal the evolutionary link between dinosaurs and modern-day birds, and shatters previous ideas of how dinosaurs looked, moved, and behaved.

Members' Nights are sponsored by Sears Holdings Corporation.

## Founders' Council and Annual Fund News

The Museum is an exciting place to be in 2007 as we look forward to the year's new offerings. Our goal is to involve all donors with our Field Museum family, while introducing ever-changing exhibitions and events throughout the year.

Mark your calendars! Don't miss the premier of our new permanent exhibition, *The Ancient Americas*, opening March 9. Also, note the following new exhibitions: *Treasures of the Titans*, running through June 3, in the Grainger Hall of Gems, and *Dinosaurs: Ancient Fossils, New Discoveries*, March 30 through Sept. 3.

In 2006, our Annual Fund Field Explorer and Field Naturalist behind-the-scenes tours were an overwhelming success. This spring, look for news about additional behind-the-scenes events in March, April, and May. For more information on The Annual Fund, please call 312.665.7777 or visit us online at [www.field-museum.org/annualfund](http://www.field-museum.org/annualfund).

Our spring Founders' Council Loop Luncheon is scheduled for Tuesday, March 20. For more information about this event and The Founders' Council please contact Erica Lee at 312.665.7773.

We hope you take advantage of your many benefits as Annual Fund and Founders' Council donors. Thank you for your generous support. We look forward to seeing you throughout 2007.



JOHN WEINSTEIN/AL14446\_02D

*Left: The Ancient Americas features this replica of a Maya carving of ruler Lady Xok that depicts her experiencing a supernatural vision after performing a sacrifice of her own blood.*

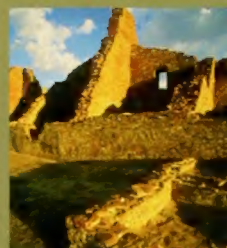
*Right: Dinosaurs: Ancient Fossils, New Discoveries features a model of Jeholopterus ningchengensis, a small pterosaur, or flying reptile, covered in thin fibers. Scientists believe the first stages in the evolution of feathers could have taken place in a species that was the ancestor of pterosaurs and dinosaurs.*

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CRAIG CHESEK







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## Corporate Corner

The Field Museum is fortunate to count many corporations, both local and national, among our donors. Their generous support allows us to present groundbreaking exhibitions, such as *The Ancient Americas*. The following corporations have positioned themselves as leaders in their support for *The Ancient Americas*:

### Abbott Fund

Ernst & Young  
Foley & Lardner  
Jenner & Block  
Jones Day  
Katten Muchin Rosenman  
Kirkland & Ellis  
KPMG  
LaSalle Bank

### ITW Foundation

Mayer Brown Rowe & Maw  
McDermott Will & Emery  
Morgan Stanley  
Sidley Austin  
Skadden Arps  
Sonnenschein  
Winston & Strawn

As we embark on the final year of our comprehensive fundraising campaign, we welcome the opportunity to explore strategies that will complement your corporation's mission and strengthen corporate community investment. Funding opportunities include educational programs, community events, and exhibitions that

align with your philanthropic priorities. Significant recognition and visibility are a direct result of your support.

Campaign naming opportunities still exist, including the newly launched **Adopt A Field Favorite** program. For more information, please contact Molly Fiden, campaign officer, at 312.665.7780 or [mfiden@fieldmuseum.org](mailto:mfiden@fieldmuseum.org)

*The Ancient Americas* is made possible by the McCormick Tribune Foundation.

## Recent Titles from Fieldiana

*Fieldiana* is a peer-reviewed publication of monographs and scientific papers pertaining to The Field Museum's research and collections. See the world through the eyes of a scientist by subscribing to this academic journal through Fortsas Books at 773.763.2665 or online at [www.fortsasbooks.com](http://www.fortsasbooks.com). Copies are also available in The Field Museum Library reading room. Recent titles include:

- *Comparative Review of Fascicularis—Group Species of Macaques (Primates: Macaca)* by Jack Fooden.
- *The Palatal Dentition in Squamate Reptiles: Morphology, Development, Attachment, and Replacement* by D. Luke Mahler and Maureen Kearney.
- *A Collection of Amphibians and Reptiles from the Cardamom Mountains, Southwestern Cambodia* by Bryan L. Stuart and David A. Emmett.
- *Mammal and Birds of the Manu Biosphere, Peru* by Bruce D. Patterson, Douglas F. Stotz, and Sergio Solari.
- *Three New Species of Frogs and a New Tadpole from Eastern Thailand* by Bryan L. Stuart, Robert F. Inger, Tanya Chan-Ard, and Yodchaiy Chuaynkern.



STEVE RATHBONE

## See Exhibitions, Then Shop at Our Stores

In addition to seeing *The Ancient Americas*, be sure to visit the Museum's other permanent exhibitions on North American and Northwest Coast native cultures, located on the first floor next to the Main Museum Store. You will discover a wealth of fascinating objects as well as the Museum's full-scale reconstruction of a traditional Pawnee Earth Lodge. Then stop in the Main Store for Native American jewelry, gifts, books, and toys. Remember, you can also shop online 24 hours a day at [www.fieldmuseum.org](http://www.fieldmuseum.org)

*Beautiful items such as this turquoise and coral Navajo cuff are available in our Museum Store.*

**The Field  
Museum**

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**WHAT DO YOU THINK ABOUT IN THE FIELD?** For questions about the magazine, call 312.665.7115, email [noshea@fmnh.org](mailto:noshea@fmnh.org) or write Nancy O'Shea, Editor. For general membership inquiries, including address changes, call 866.312.2781.